

30 December 1964 - Meeting

STAT

ITEMS TO BE DONE

1. Prove whether Coherent enlarger is capable of producing prints of better quality or poorer quality than the 10-20-40X enlarger. Proof should consist of some numerical value, if at all possible or reasonable. See Enclosure #1
2. State what means is used to reduce diffraction patterns in the print to an acceptable minimum and why this necessitates a reduction of illumination coherence. See Enclosure #2
3. Plot MTF curve to prove whether the original objective of 0.83 MTF at 200 cyc/mm has been achieved. Or state why it is not feasible. Also method of plotting. See Enclosure #3
4. Provide set of slides showing the features and capabilities of the enlarger and the development evolution to some extent. See Enclosure #4
5. Spatial Filtering (No further work). No Enclosure Required.
6. Viewer Screen reorientation (accomplished). See Enclosure #5
7. Modification of camera back to accommodate 8 X 10 cut sheets in addition to the roll film back. See Enclosure #6
8. Exposure Control (a minor form that will make it possible for the operator to correct for overexposure or underexposure in the original negatives). See Enclosure #7

9. Final Report that fully describes the characteristics and capabilities of the 4X coherent enlarger. The report should show clearly the points on which the enlarger was a success and those points on which the enlarger did not fully measure up to expectations. In all aspects of failure, the complete reason should be given with all necessary elaborations.

See

Enclosure

#8